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# Driveway Alarm System

Leonard P. Rutter

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MET 497

SENIOR DESIGN PROJECT

DESIGN OF A

DRIVEWAY ALARM SYSTEM

SUBMITTED TO:

DR. WARREN W. WORTHLEY

MANUFACTURING TECHNOLOGY DEPARTMENT

APRIL 18, 1977

FROM:

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## ABSTRACT

The Driveway Alarm System (DAS) is a detection and alarm system used for alerting an owner to the presence of visitors or intruders. DAS uses pressure sensitive ribbon switches located on the driveway to operate a transmitter which sends a radio signal to the receiver located within the home. The receiver activates an audio alarm and, at night, turns on flood lights. When the flood light circuit is operated, a timer circuit turns off the lights at a preset interval.

The prototype's field trial proved the technical feasibility of the DAS.